

# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer  
Byatarayanapura Division  
B.B.M.P., Bangalore - 92

## DRAFT TENDER SCHEDULE

Name of Work: Improvements to Roads and Asphaltting at Muninagappa layout Surrounding area  
Dasarahalli Village in ward No 06 Thanisandra Byatarayanapura Sub Division

| Sl. No. | Quantity. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit         | Rates      |                                                                                  |
|---------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------------------------------------------------------------------------------|
|         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | In Figures | In Words                                                                         |
| 1       | 706.90    | KSRRB 300 - Excavation for road, drains and similar works<br>KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.                                                                                                                                                                                        | Cum          | 207.60     | Rupees Two Hundred Seven and Sixty Paise Only                                    |
| 2       | 303.63    | KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.                                                                                                            | Cum          | 5421.90    | Rupees Five Thousand Four Hundred Twenty One and Ninety Paise Only               |
| 3       | 209.41    | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm. | Cum          | 7070.20    | Rupees Seven Thousand Seventy and Twenty Paise Only                              |
| 4       | 15.09     | KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.                                                                                                                                         | M.T.<br>(Tn) | 72326.98   | Rupees Seventy Two Thousand Three Hundred Twenty Six and Ninety Eight Paise Only |
| 5       | 518.25    | Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.                                                                                                                                                                                                                          | Sqm          | 2337.00    | Rupees Two Thousand Three Hundred Thirty Seven Only                              |

| Sl. No. | Quantity. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Rates      |                                                                        |
|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------------------------------------------------------------------------|
|         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | In Figures | In Words                                                               |
| 6       | 52.80     | Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 5418.00    | Rupees Five Thousand Four Hundred Eighteen Only                        |
| 7       | 721.89    | KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cum  | 56.26      | Rupees Fifty Six and Twenty Six Paise Only                             |
| 8       | 47.04     | Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cum  | 1994.92    | Rupees One Thousand Nine Hundred Ninety Four and Ninety Two Paise Only |
| 9       | 269.50    | KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.                                                                                                                                                                                                                                                                                                                                                                                                                        | Cum  | 2001.28    | Rupees Two Thousand One and Twenty Eight Paise Only                    |
| 10      | 1078.00   | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sqm  | 28.62      | Rupees Twenty Eight and Sixty Two Paise Only                           |
| 11      | 43.12     | Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)                                                                                                                                                                             | Cum  | 7753.90    | Rupees Seven Thousand Seven Hundred Fifty Three and Ninety Paise Only  |
| 12      | 199.25    | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work & Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound. | Cum  | 5210.96    | Rupees Five Thousand Two Hundred Ten and Ninety Six Paise Only         |

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|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------------------------------------------------------------|
|         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | In Figures | In Words                                                   |
| 13      | 39.20     | KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. | Sqm  | 454.74     | Rupees Four Hundred Fifty Four and Seventy Four Paise Only |

*[Signature]*  
Executive Engineer  
Byatarayanapura Division  
BBMP, Bangalore - 92

*[Signature]*  
2/06

**Note:**

- 1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
- 2 Unit rates and prices shall be quoted by the Tender in Indian rupees.
- 3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))
- 4 Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

